



United States Department of Agriculture



EAB Regulatory Actions

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As of today, EAB is **NOT KNOWN** to be established in the state of Montana.

Just because EAB is not known to be established in Montana, it doesn't mean that us Montanan's can sit back and do nothing.



The first steps for Montana:

- Conduct EAB outreach to educate the public
- Conduct detection survey work in an attempt for early detection.



Where did EAB come from?

Distribution Maps of Plant Pests

Compiled by CABI in association with EPPO

Map No. 675

Issued June 2006

Agrilus planipennis Fairmaire

Coleoptera: Buprestidae

Hosts: Chinese cork bark elm (*Ulmus parviflorus* var. *Corticaria*), *Fraxinus* spp., Japanese wingnut (*Pterocarya nictitans*), Manchurian walnut (*Juglans mandshurica*).

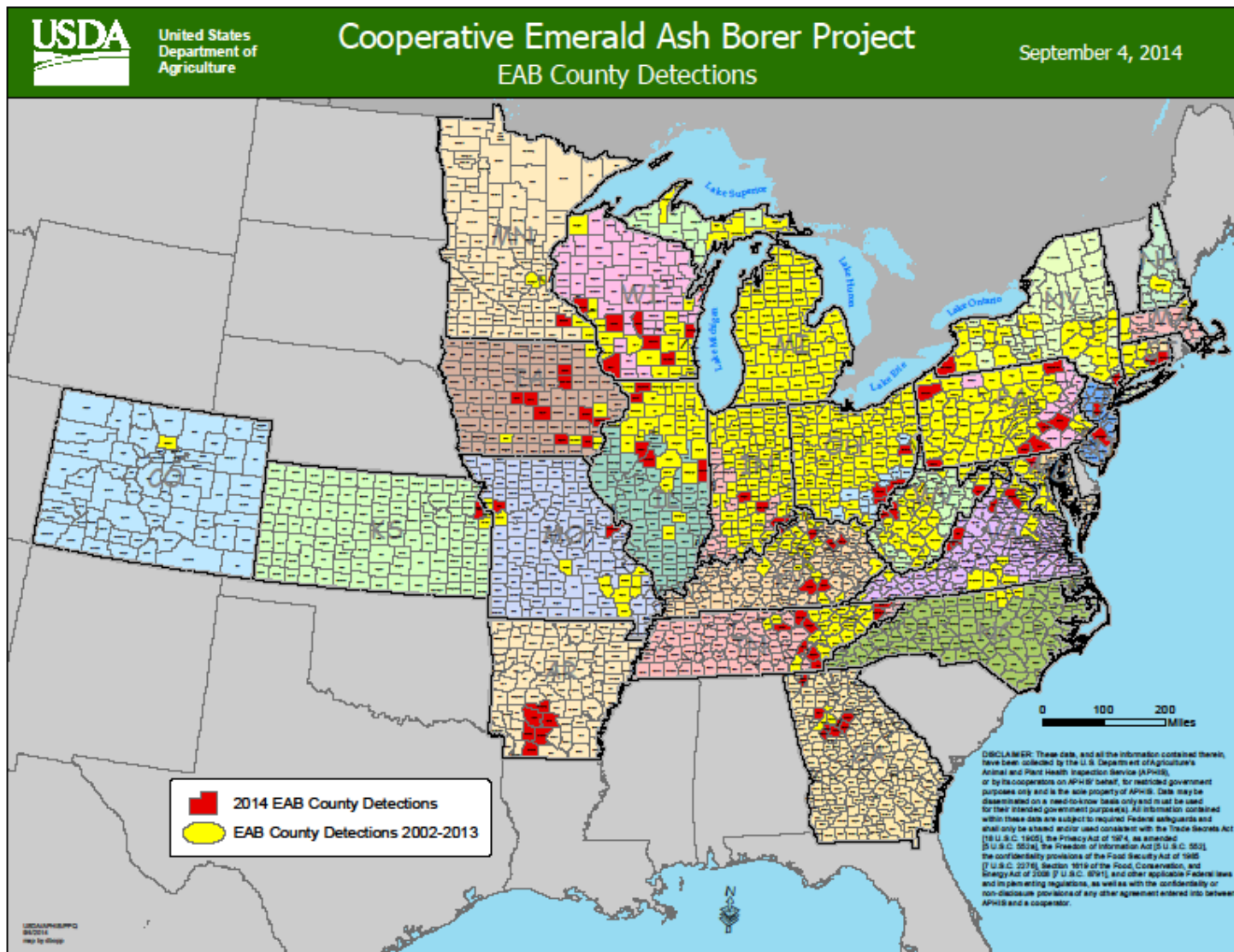


How did EAB get to the United States?



UGA5169082

Where has EAB been found?



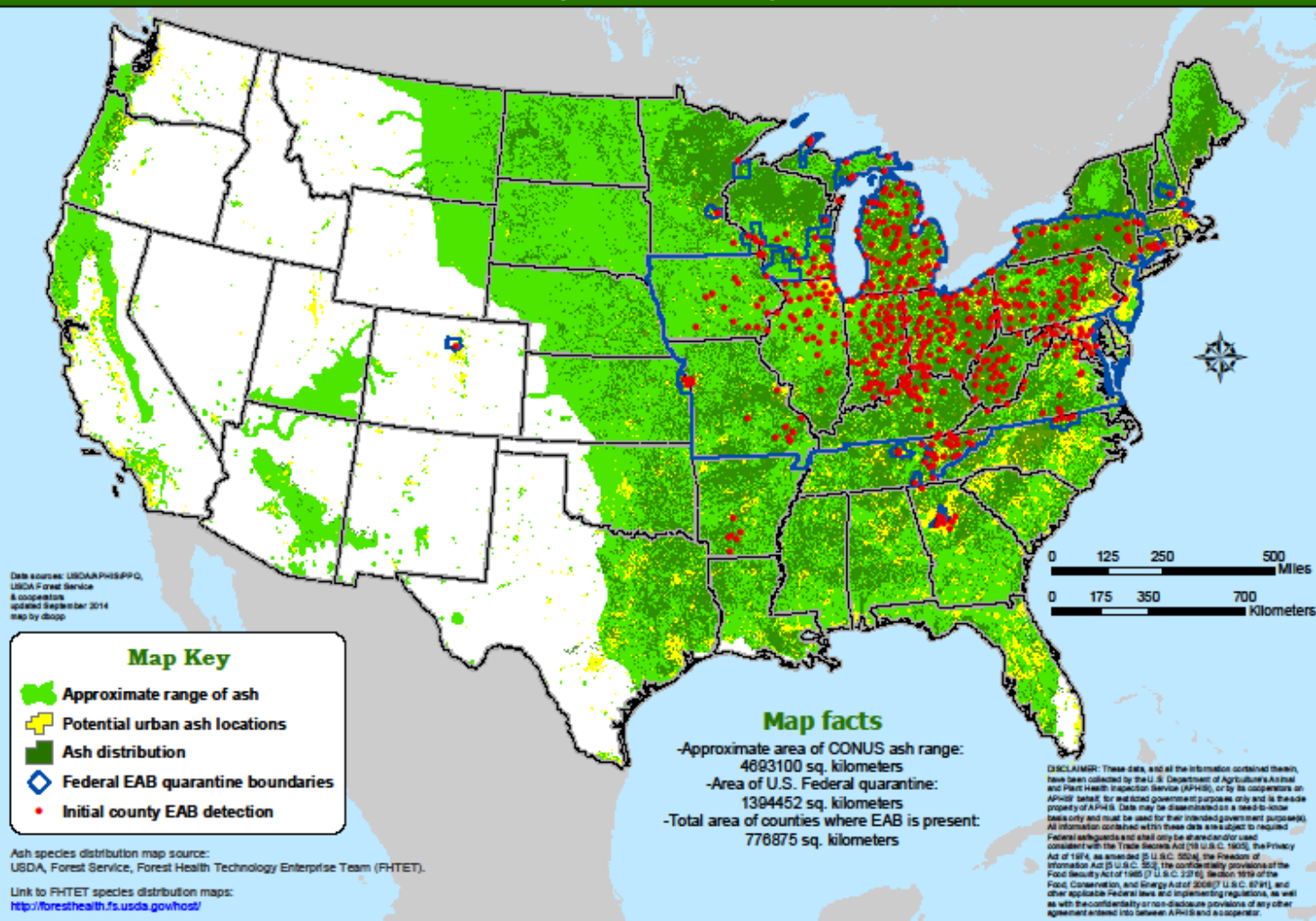


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Cooperative Emerald Ash Borer Project

Approximate range of ash species in the Contiguous U.S.
with EAB positives and Federal quarantines

September 4, 2014



How is EAB spread?



On it's own, EAB will only spread approximately 10 miles per year. EAB is very resourceful and actually uses the available trees before they move further out in an area.

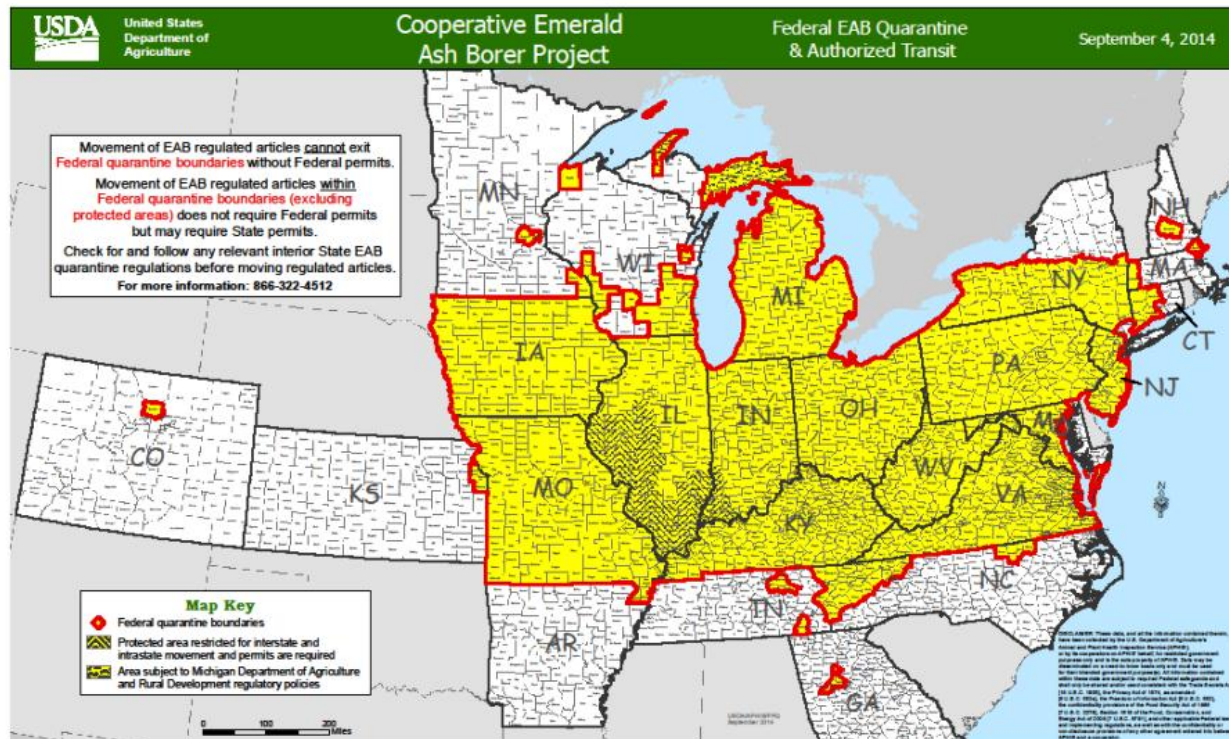
Artificial movement by people is the biggest way in which EAB is spread in the United States.

How is EAB artificially moved by people?



What happens if/when EAB is found in Montana?

- A state quarantine will be put in place for intrastate movement of regulated articles.
- A federal quarantine will be put in place for interstate movement of regulated articles.





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Federal EAB Quarantine
& Authorized Transit

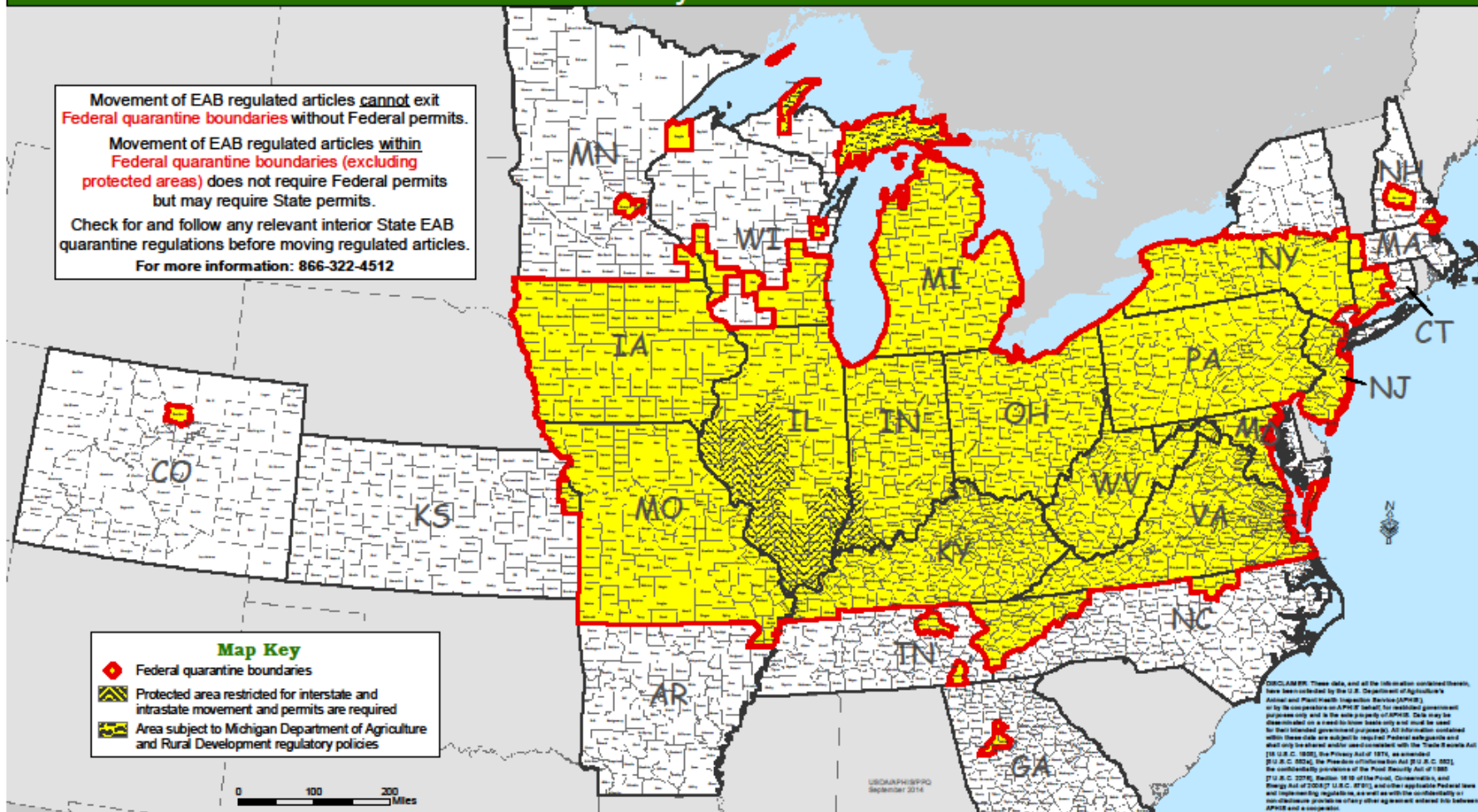
September 4, 2014

Movement of EAB regulated articles **cannot** exit
Federal quarantine boundaries without Federal permits.

Movement of EAB regulated articles **within**
Federal quarantine boundaries (excluding
protected areas) does not require Federal permits
but may require State permits.

Check for and follow any relevant interior State EAB
quarantine regulations before moving regulated articles.

For more information: 866-322-4512



What are EAB regulated articles?

- Ash logs
- Ash lumber
- Hardwood firewood
- Ash chips/mulch
- Ash nursery stock
- Wood packing material constructed with ash
- Any ash wood product determined to present a risk of moving EAB
- All living life stages of EAB



Treatment options for working with ash wood products

- Remove all the bark and a half inch of the wood
- Kiln dry treatment
- Methyl bromide fumigation treatment
- Heat treatment (center of wood must reach 140 degrees for 60 minutes)
- Chip wood so that chips are less than 1 inch in 2 of 3 dimensions
- Compost chips/mulch
- There are no approved treatment options for nursery stock



Questions??

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